



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

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GOVERNOR

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SECRETARY

December 1, 1997

MEMORADUM TO: Whitmel H. Webb, P. E.  
Manager  
Program Development Branch

FROM: David Modlin, P. E.   
Feasibility Studies Unit

SUBJECT: SR 1276 (Finger Mill Road) and SR 2003 (Golf Course Road)  
From US 321 (Lincoln County) to Boyd Street in Maiden  
(Catawba County)

At the request of Mr. Ray Spangler, Division Engineer, Division 12, the Feasibility Studies Unit has investigated the feasibility of improving SR 1276/SR 2003 from US 321 to Boyd Street in Maiden. The distance is approximately 3.32 miles.

The existing pavement is generally 18 feet of BST. The existing land use is sparse with considerable open/agricultural land. In Lincoln County, the major land use along SR 1276 is J. H. Heafner Tire Company. Along SR 2003 in Catawba County the major land uses are the golf course and Ethan Allen Company near Maiden.

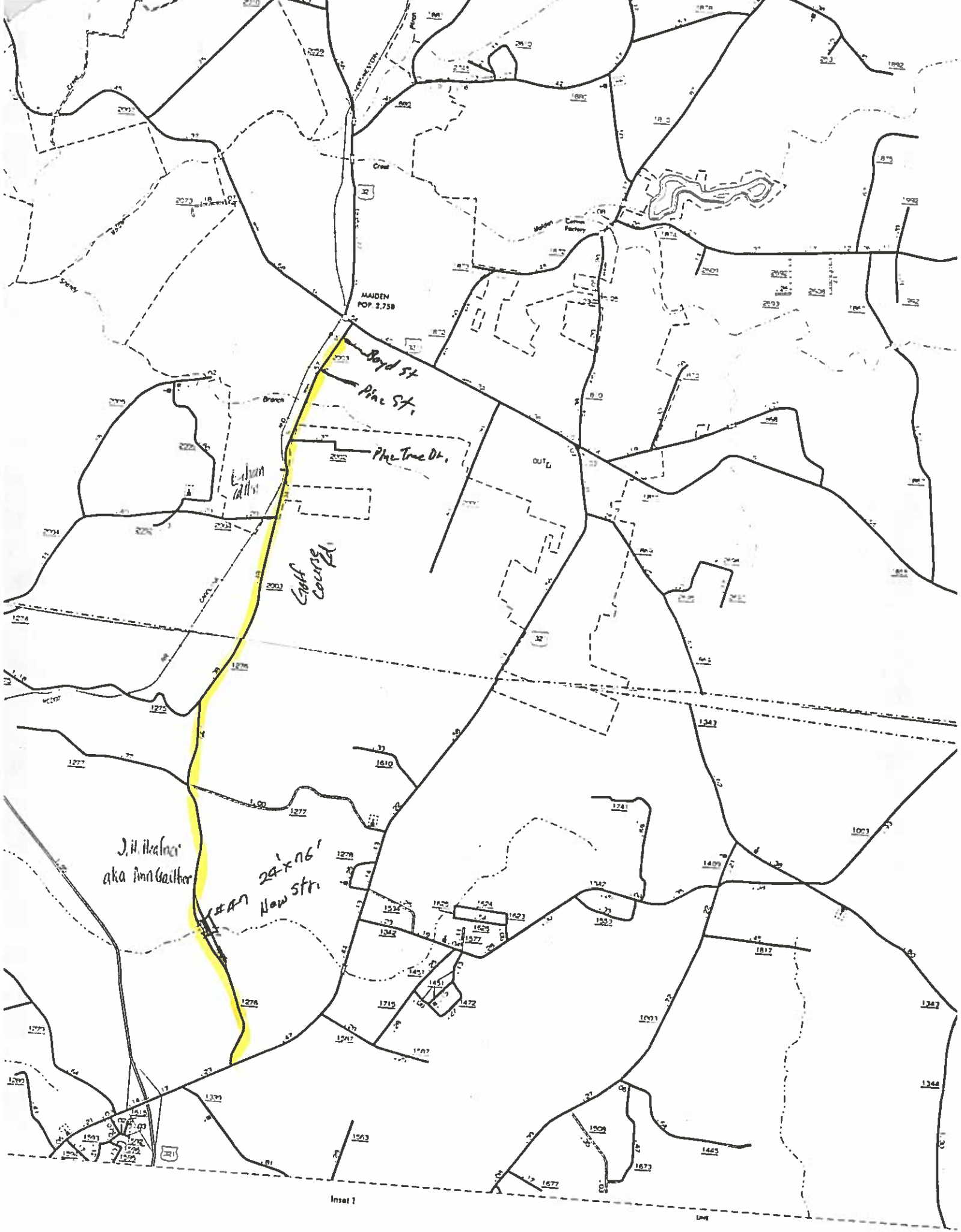
Except within the Town of Maiden proper, the estimated existing right of way is 60 feet. Within Maiden, the existing right of way appears to be approximately 40 feet. The existing utilities are above ground and very close to the roadway. Other utilities, e.g., water and sewer are under the pavement.

The proposed project is to improve the existing road(s) to a "good 2-lane rural road". To this end the proposed cross section is 24 feet of pavement with 2-foot paved shoulders anticipating a reasonable number of trucks. Beginning at Pine Tree Drive and continuing to Boyd Street in Maiden, the proposed cross section is 24 to 28 feet of pavement with 2-foot valley gutters.

The estimated costs to improve SR 1276 and SR 2003 are as follows:

Construction	\$ 4,000,000
Right of Way	<u>750,000</u>
Total	\$ 4,750,000





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